

27 Decem. Jan 7<sup>th</sup> 1829.

Ch:

An Inaugural Essay

On Dyspepsia

For Paper Feb. 27. 1829  
The Degree of Doctor of Medicine

In the University -

of

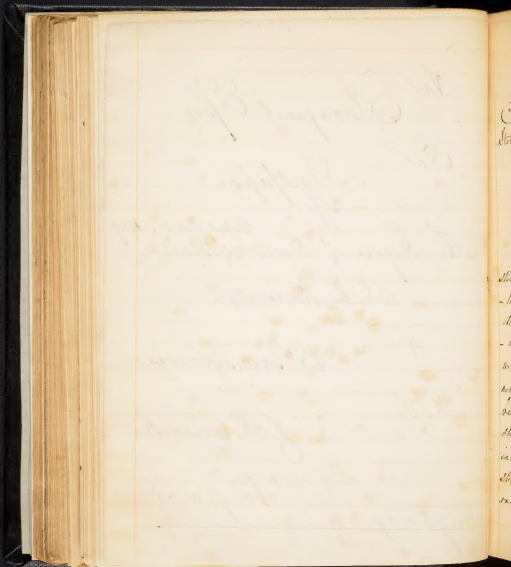
Pennsylvania

By

J. R. Griswold

of Virginia

Jan. 7<sup>th</sup> 1829



## Gyspepsia

Considered as an irritation of the nerves of the  
Stomach, & modified by the degree of that irritation.

*"Stacies non omnibus una,  
e"Vee diversa, tamum, quantum decet esse Sorrowum".*

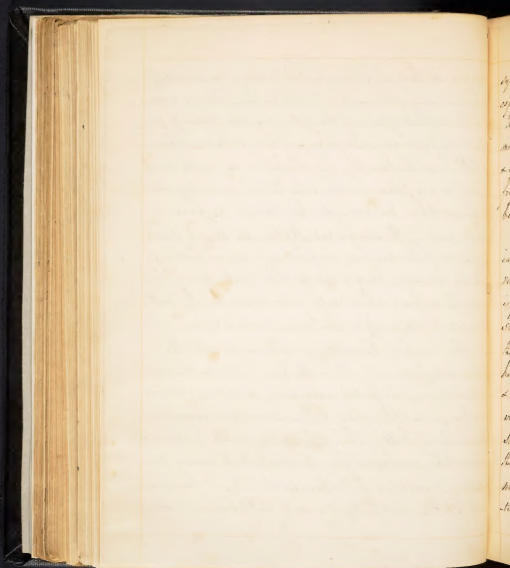
When we consider the extensive sympathies of the  
stomach, "the central part of a most complicated structure",  
- the organic & functional disorders that may result in  
other organs, from a pathological condition of this -  
- and the importance of its healthy action to the  
well being of the whole animal economy - we are  
not surprised that the disease under consideration should  
be a compound of elements, & Proteus-like assume various  
shapes & terrors. - And when we consider the numerous  
inconveniences & interruptions, to which a morbid state of  
stomach subjects its victim, in the enjoyment of life & the  
rational pleasures of the world - how it retards his progress when

1840

My dear Sir  
I have the honor to acknowledge the receipt of your letter of the 10th inst. in relation to the matter of the  
and in reply to inform you that the same has been forwarded to the proper authorities for their consideration.  
I am, Sir, very respectfully,  
Your obedient servant,  
J. M. Smith

mounting the Hill of Science - how it stags his pursuit of  
ambition or of gain - how it blights the budding, & even  
the fully-matured fruit of his genius - how it stamps his  
ardours of vigorous enterprise - & how it lessens his  
usefulness in the practice of a Profession or in performing  
his part on any stage for which his talents & acquirements  
fit him - When we consider these things - we have a  
slight view of the 50-headed Hydra we have to combat  
against - & of the necessity imposed upon us, in battling  
with the monster, not to rest satisfied with merely lop-  
ping off a head, which will grow again, but by well-  
directed thrusts, to effect his entire destruction.

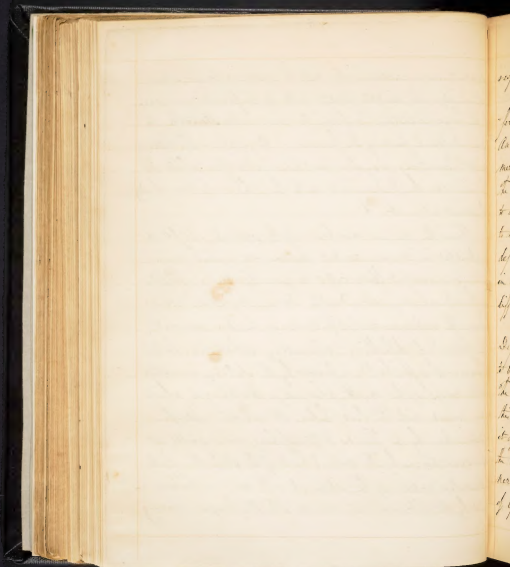
The process of Digestion is co-extensive with the  
Alimentary Canal. From the time of its mastication,  
to its voidance, our food is undergoing a continued series  
of changes - alteration in consistence, & increment or  
decrement of bulk. The Alimentary Canal is an irreg-  
ular tube, continuous from the Mouth to the anus - con-  
sisting of sections appropriated to different functions -  
each section sympathizing with its fellows - & all



sympathizing extensively with the system at large - more especially the middle portion, with its co-operating organs.

The large intestine performs the least & the stomach the most material part of the function of Digestion. The latter, & its operations, require particular attention, while the former, can be dismissed, with the slight notice already bestowed upon it.

From the mucous membrane of the stomach, & the follicles imbedded in it, are exuded Mucus & a peculiar greyish viscous & insipid fluid called "Liquor Gastricus". The latter is poured out very abundantly during digestion, & to it, since the experiments of Spallanzani, has been ascribed the power of dissolving alimentary substances. In this, however, it is probably assisted by the Salivary secretion, & the Mucus of the Mouth, pharynx & Oesophagus which are mixed with the food before its entrance into the stomach - by the liquid & Atmospheric air ingested at the same time - by the natural heat of the stomach - by the muscular action of the stomach & the Motion communicated by the Abdominal Muscles & the Diaphragma during





respiration - but mostly, by nervous influence.

The doctrine of "coactions" by Hippocrates - of "fermentation" by Van Helmont - of "putrefaction" by the Ancient philosophers - of "maceration" by Haller - were mere hypotheses, & have passed away like baseless fables; the doctrine of "trituration" is more plausible, as it is known to occur in the gallinaceous animals. But it would be well to remember, that notwithstanding Aristotle in his definition of man, made him differ from a goose, merely, in being a two legged animal without feathers; he yet differs from the feathered tribe, in having no gizzard.

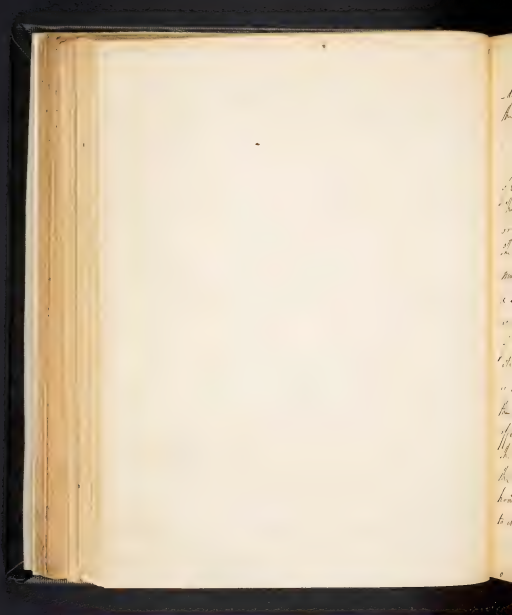
The doctrine attributing the principal agency in Digestion to gastric juice & nervous influence appears to be better founded than any Physiology has furnished. The experiments of Wilson Phillips satisfactorily proved this doctrine to be well based. From his experiments it appears, that the food first taken is applied, itself to the internal parieties of the stomach, by which the gastric nerves are excited & in consequence of which a flow of gastric juice ensues - which by a vital, or if you

*[Faint, illegible handwriting on lined paper, likely bleed-through from the reverse side.]*

*[Faint, illegible handwriting on the right edge of the page, likely bleed-through from the reverse side.]*

'Alase', & chemical vital forces, & changes and converts into a homogeneous mass, in a series of elementary matter than in apposition - the muscular powers of the stomach then come into play & move the stratum thus chymified to the Pylorus - making room for another stratum which is to succeed & undergo the same process. & then in like manner be moved to the Pyloric orifice - & so on, until the whole contents of the stomach have undergone the requisite change - the successive chymified masses being discharged into the Duodenum as they respectively arrive at the Pylorus. —

After the contents of the stomach are discharged into the Duodenum, other changes take place thro' the agency of the Hepatic & Pancreatic fluids, by a process analogous perhaps to that of the stomach - the bile here performing a part similar to that of the Gastric juice & the pancreatic secretion supplying the place of chyle - & chyle is formed: & it hence appears, that tho' the most important part of Digestion takes place in the stomach, yet the process would be very incomplete without the antece-







like the phrase "he can rise" be incorrect as to matter of fact it may be convenient in order to avoid circumlocution. The title "Morbid Sensibility of Stomach" applied to it by Dr James Johnson of England or that of "Irritation, sub-irritation, or Super-Irritation" (according to the existing state of the stomach) suggested by Dr John Bell Institute lecturer of this city, would be signs of the things signified; & could be objected to only on account of their length.

The idea, that the disease is a vitiated concoction of elementary matter dependent upon debility of stomach, has been the cause of infinite evil; It has led to a premature, indiscriminate & intemperate use of stimuli tonics & "quakers of appetite" to the aggravation & perpetuation of the condition they were intended to remedy. It would be well then to apprise the community, either by its title or otherwise that this disease is one of irritation - giving rise to different symptoms according to the irritation is increased or diminished, & according to as other parts are involved, sympathetically or





or otherwise.

Those who attribute the disease to debility are as correct as the drunkard who ascribes his "Blue-Devil" feelings in the morning, to the fopp. They know the objects, but mistake the cause - "the muscular debility, & depressed secretions being the effect of a want of healthy action in the nerves & not the cause."

Muscular debility, however, after having been induced by a morbid state of the nerves, may very probably, adhere to keep up that state of the nerves.

The fact that in general there is no disease of circulation in the stomach, has been the great stumbling block. This is readily obviated by the consideration that the stomach is affected by a mucous membrane which does not ordinarily transmit to the common sensibility any intelligence of its condition which may cause the patient without making any complaint by which its condition might be known. The act may also be accounted for by a peculiarity of the Galvanic nerves which, notwithstanding they are excited by



hair can function stimulate not in a normal state, even  
as the cardiovascular, & at least a very great sensation,  
& impressions made upon him, except those from  
'articles' & a high or low degree of 'temper' was of  
irritating qualities. A same condition may exist  
in a length of time without being evidenced by symptoms.  
'Stomach' signifies sensibility is excited in the stomach,  
it should be considered an satory which it makes, against  
injuries & discharges. (Organs & parts, other than the  
stomach itself, manifest to us the effects of ingesta  
upon that viscous. Also a simple irresistible report,  
the existence as a general sensation, & comfortable  
satisfaction & conductor of strength, but very little of  
this sensation is tolerable to the stomach, except as a  
point from which the radiated sensations are 'diffused'.  
'What this fact Dr Johnson lays great stress for (says he)  
if the nerves of the stomach are capable of exciting emo-  
tions of pleasure in the mind & comfortable sensations in the  
body on the application of good food, we shall find  
that the same nerves when in a diseased state are



generally capable of exciting the most gloomy thoughts in the mind - the most painful sensations in the body as the applications of the pen alone species of reflections upon itself or without an antecedent sensation in the stomach itself. Various actions & medicinal agents in a state of health, may, by irritating the nerves, produce an analogous influence over mind & body. Rejected spirits, Excess of food, headache, & apoplexy, are very apt to result from the operation of the various & unwholesome which excite the assimilative process. When the stomach is in a pathological condition, indigestible food will derange the mental & cerebral functions. Thus we treat the slightest derangement of the stomach & bowels. The patient under such circumstances, will be susceptible of the keenest sensations of the unhappy kind - will become irritable & irascible, distrustful & quarrelsome - gloomy & very miserable from continual unreasonable solitudes fearful forebodings & various delusions. The body also will be a yellow, suffused with the mind - anomalous & erratic humors, will fly from part



1. part - "the whole system under be all at ease" - in fact  
 will have, what are commonly called, "the Pigeons".  
 Thus many happiness has emerged from "many salubrious"  
 members of society whose lives are rendered "wretched"  
 by the "sensitive" mind, having its unsuspected  
 source in a "sensitive" of the stomach & bowels."

Asperities is considered by many as Chronic  
 (as it is & has been so treated) by the Physicians & Indurix  
 but there are good reasons why it should not be so con-  
 sidered. - 1. It is confounding two diseases differing in  
 their symptoms (as will appear hereafter from Diagnosis)  
 2. Serious mischief will result from identifying the two diseases  
 & as a consequence, prescribing a similar treatment.  
 In the one case, sometimes being derivatively relieving the  
 stomach & checking Nausea - indirectly imparting tone  
 to the stomach & determining to the surface. In the  
 other, acting as irritants, increasing debility & inducing  
 obstructions. In the one any exercise increases the condition  
 of the patient - at the other is only exciting them fluid &





involuntarily & Demulcents aggravate. In the other, exercise & cold food must be proscribed. Demulcent drinks & rest insisted upon.

3. Dissections do not prove an identity of 'diseased' ex-  
-cluding in his remark, the condition existing in what  
is called the phlegmon stage which I consider a  
distinct disease connected with Dyspepsia merely as  
an effect, with its (caus.) Post Mortem examinations  
& those who have suffered from the phlegmon stage  
reveal the transition of Gastritis. In the common  
form, where Gastritis has not existed, there are only  
'evidences of' Disorganization & these may result  
equally from Nervous irritation or subinflammation.  
The structural derangements being less extensive in the  
latter, than in the latter. In Chronic Gastritis, as I am  
informed by my preceptor Dr. Hovner, there is a pecu-  
liar enlargement of the Veins & a congestion not uniform -  
the veins bulging in the middle & tapering to the ends -  
Besides this - the Mucous Membrane is covered with  
a brown fur.



1. The point where nervous irritation ends & Congain-  
becomes not definitely Rubea, & many of the phenomena  
attributed to Chloagosis may be those of super-nervous  
excitation. Professor Chapman appears to have this  
idea for he says "Paralysis in Dyspepsia is more  
of a nervous than an inflammatory affection." In Haines  
clinical who treats Dyspepsia as Chronic Gastritis  
confirms the idea when he says "It is not clear can be doubt  
that among the various disturbances of function which he  
thinks under cover there are many which imitate more  
or less completely acute & chronic Gastritis, such as  
are in reality owing to a marked state of the gastric  
nerves or the status of the Gastrovascular system."
5. The only reason in my opinion, why Dyspepsia  
has ever been considered "Chronic Gastritis" is the  
considering of the state of Chloagosis, which is sometimes  
induced in the viscera, as a stage of the disease.  
You might as well consider Phthisis a Chronic Pulmon-  
itis because it is sometimes induced by hard drinking,  
or a Catarrh of the Bladder, because it can be accompanied



Icy species is a very common disease but this seldom  
 is you see what is called the "blue" stage. - a sen-  
 -tence there is what may be called the "expression" a  
 -tor of the circulation - is visible the skin being mani-  
 -fest themselves - there is little thirst - the pulse is weak &  
 slow - & perspiration is easily excited either by sleep  
 or exercise. It is true that a febrile condition may be  
 easily induced during the existing state of irritation  
 the causes of inflammation acting more readily. But  
 the same state may be induced in a perfectly healthy  
 man on the same cause more intensely applied. It  
 then a state of inflammation does not ordinarily exist.  
 Why should the disease be considered as an inflammation?  
 inflammation? When it does occur it appears to be  
 an active inflammation. I have the authority of my  
 breacher Professor is saying "a nervous irritation  
 may terminate in this inflammation but not in sub inflam-  
 -mation" But whether acute or chronic the inflammation  
 when consequent on the nervous irritation - should not  
 be confounded with it. It is a complication of a new

\* This fact is not true state as has been stated in the

[illegible]

course - a different state of things set in - the patients  
 feelings are altogether different - and the symptoms differ  
 as widely from those which preceded, as *Enteritis* differs  
 from *Dyspepsia*. In fact, the disease becomes *Enteritis*,  
 modified by the end & the existing state of system.  
 The symptoms & the treatment are the same, modified always  
 by the circumstances just alluded to. We set them all  
 in new state of things, *Enteritis*? *Enteritis* consequent  
 upon *Dyspepsia*, is in all an inflammation of the  
 liver consequent upon *Dyspepsia*, *Hepatitis* or *Hepa-*  
*talitis*. Why not apply the term *Dyspepsia* to all the  
 states induced by it? We are taught by Cullen -  
 Keapman, by Dr Jackson, & by Dr Harvey, the nervous  
 irritation may eventually in dangerous irritation.  
 But when the conversion of one into the other we hear  
 different names applied to the new condition. We name  
 the terms *Enteritis* - *Enteritis*. *Bronchitis* & a great many  
 other itises set forth in but relief as extreme signs of  
 states consequent upon nervous irritation. Let this  
 analogy apply to *Dyspepsia* & my point is established.





From what has been said, I think it appears, that  
 Dyspepsia, as it ordinarily presents itself, is not a  
 state of inflammation, either acute or chronic, nor yet  
 a state of debility. But strictly & purely a state of  
 Nervous irritation. & that the modifications of its  
 symptoms & the variegated play of sympathies depend  
 upon the state & degree of that irritation.

In treating this Disease then, I shall consider all  
 consideration of what is called "the phlogogenic stage".  
 As to this with fear & trembling - I remain not, in this,  
 as either from the greatest authorities of the age, or from  
 all too, who, on all occasions, command my highest  
 respect, & with whom I am extremely desirous to be at  
 variance - particularly, as the Sides & March are  
 exproaching. I would not rashly attempt to tear  
 down any edifice the might have erected lest it  
 should succeed, & I might be buried in the ruins. I  
 will permit the Building to stand as an *estoppel* to  
 his fame - But humbly beg permission, not to inhabit it.



That Dyspepsia or disease of irritation is evidenced by the following facts.

1. - When primary, all its causes are irritants either directly or indirectly.
2. When secondary, there is still irritation, either by sympathy or metastasis from an irritated organ or surface.
3. It is a disease of gradual development - aggravated by irritation in diet & alluded to & cured by an abstinence from irritating causes. -

4. All the phenomena of the disease are those of irritation according to the Laws of Irritation as laid down by Dr Samuel Jackson Professor in the Institutes in a paper upon that subject in 1828 of "Chapman's Journal," as well as in his lectures at the University.

That the irritation is nervous & not sanguine is inferable from the absence of febrile & inflammatory symptoms.

Dr Johnson (irritation relieved to) who himself had been a great sufferer by the disease considers it altogether a morbid state of the nervous.

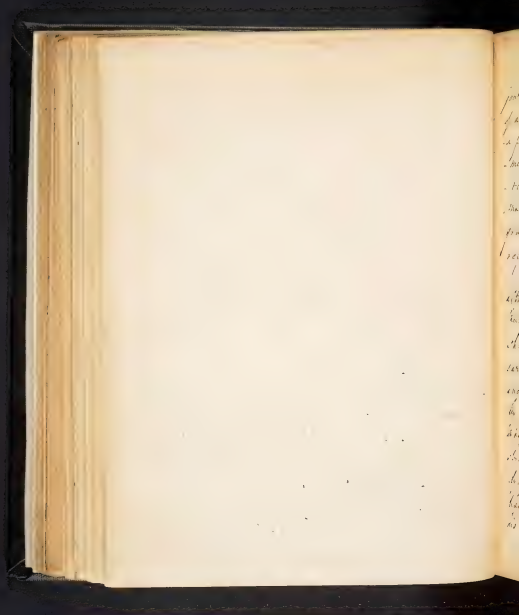
Boyle'son Chapman & Wilson Pritchard, divides a stage



of "nervous irritation" make a "phlogose" stage: & even extend their views to "structural derangements in other parts". But, from what has been said above, I am convinced that the state of phlogosis & the derangements of these parts are the consequences of the disease, induced by neglect or bad management; in the same way, that Pneumonia follows a neglected or badly-managed Catarrh, and Phthisis Pulmonalis, the ill-treated Pneumonia. The dyspeptic, by imprudences, adds irritation to irritation - phlogosis is induced (a new disease) - phlogosis, suffered to run its lengthened course, implicates other parts. One thing follows another, but is a different thing from that other.

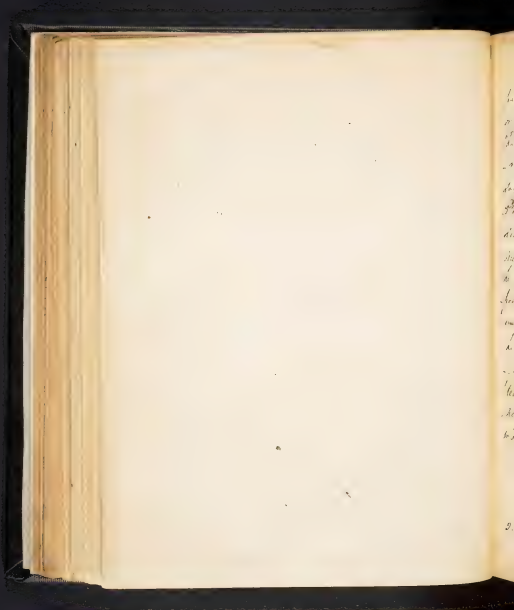
In the further consideration of this disease, I shall adopt Dr. Bell's suggestion, & treat of it as a state, of sub-irritation, irritation, or super-irritation.

Of making 3 stages, I do not wish to be understood as believing, that one passes immediately into the other - by a scissorial stride. I scarcely believe this of any disease. I mean by this, what a traveller in the Mail Coach would mean, by the different stages in his



journey - the end of one, & the commencement of another course of action - a critical as point in the chest of the road - a place where the horses are to be changed & new treatment experienced. It is only with a view to the difference of treatment that any advantage results from making different stages in a disease, the intermediate gradations, requiring generally, no variation of treatment, requires no particular designation.

That there are three distinct grades of the disease, either not so far in his order of occurrence, nor in his continuance, nor in his intensity - being acute, chronic, intermittent, remittent, continued, or fugitive - varied in two respects, materially, by the habits of the individual & other circumstances - must be admitted by all who have been observant of the disease, or who have been so unfortunate as to have been the object of its affliction. - Let me interest you a little about the progressive movement of the disease with him, & he will tell you, that, at first, his stomach appeared well enough except when





but out of order - by too full a meal - too free a draught  
 or too liberal an indulgence in indigestible or stimulating  
 food when regular & temperate in his habits, he expe-  
 -rienced no inconvenience, but that listening to the  
 suggestions of appetite rather than the admonitions of  
 Prudence, he was frequently guilty of irregularities,  
 dining early & many times a day against peace of  
 mind & comfortable feeling until he became so that  
 he scarcely ever felt well - entire full heavy indis-  
 posed to exertion - averse to what he formerly delighted  
 in - in fine - low spirited & depressed which condition  
 he applied himself to his bottle - to his tobacco - to pre-  
 -scent a moderate draught of strong coffee & strong  
 tea - or to some physician's recommendation for a General  
 leech - or some good natured quack, till he  
 was brought to such a state, that he said almost -

"No more rest - no time to be -

— such a thing as himself —

In other words - that there was 1. sub-irritation.

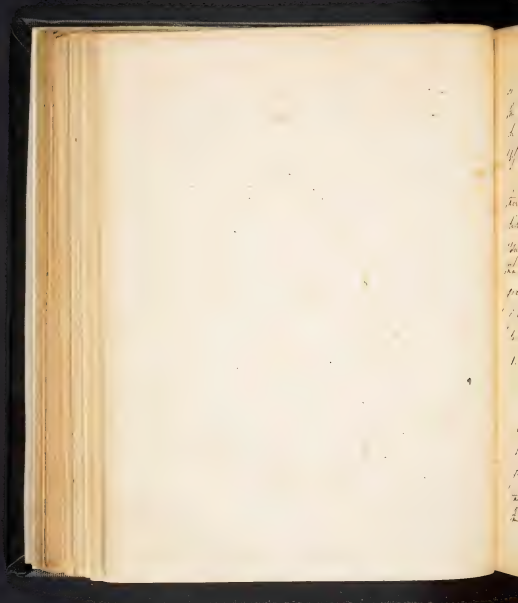
2. irritation 3. super-irritation. —



*Diagnosis.* - To attempt to enumerate all the diseases with which the stomach sympathizes, - with which, in its prevalence of dyspepsia, dysphagia, or its ordinary effects. No physician might be confounded, were an endless & profitless task. Suffice it to say, that the most common of them, are the urinary - genital - intestinal - & several diseases. The most cases little difficulty would be experienced by an enlightened practitioner. But as disease, which has more than once resulted from mistaking it for Hepatic affection, & well with difficulty, venturates a misdiagnosis, when the diagnosis, in that respect. The warm climate, where Bilious troubles prevail, the mistake is but too common. Even in our Southern States, the liver is considered the grand "function saliens" of the host of maladies which "flesh is heir to" - & Pandora's Box, so to speak, with all the evils to which the Microcosm man is subject: - if this be true that organ must have had some, the distant agency in & Adam's transgression, since it has had the curse of the whole body emanate in its



single self: if this be true - the great men of Europe & of  
 the University, must have had their folly for their share,  
 in describing & describing diseases & physical affections,  
 as affecting the different parts of the structure.  
 & this be true - the ~~man~~ must be like some great warlike  
 Aristocrat, who carries on foreign wars, but within  
 itself, manifests none of the marks of destructive warfare.  
 A wise Doctor will scarcely admit that there is  
 such a virus as the stomach, or at least he, that it can,  
 primarily, in seipso be affected with disease. Every little  
 pain, which is an occasional & every little deviation in  
 the skin from its natural hue, is by them considered  
 prima facie evidence of a diseased liver. If he says,  
 he adds - reason - sometimes of bilious matters - dif-  
 ferently-colored stools or costiveness they have for self  
 sometimes of a redundancy of bile - or of a deficiency  
 or variation of it - depending upon inflammation or  
 other of the liver. - They immediately throw in their  
 observation finally, which, by the bye, is death to the  
 despatching, to let - to alter or quicken the secretory process



or to enlarge superficially, and they have enlarged  
the vital principles from an unfortunate mortal who, under  
different treatment, might have remained a monument  
"of sparing mercy"

To establish a correct Diagnosis  
venous is a great desideratum. Not infrequently it is  
difficult accomplishment. I have all the vanity to  
suppose myself equal to the task. But I do presume,  
that I can point out certain sources of error. The  
great mistake lies in considering as altogether diagnostic  
silver-dinag-dinag which are a life common to it &  
to Dyspepsia - such as the following -

1. Stools variously colored & of different consistency -  
That this is a symptom common to both I would refer  
to Dr. Chapman, Johnson, Wilson & Philip, also to Baron  
God. Chalmers, Callan & Thomas' dictating. - The  
variance in color depending in a great measure upon a  
greater or less degree of acidity in the stringing pig - and  
the difference in consistency upon the length of time  
the feces have been retained & the greater or less quantity.





of intestinal occlusion.

2. Pain in different parts. - This symptom also is enumerated by the same high authorities among the symptoms of dyspepsia as well as among those of hepatic disease.
3. The salariness of the Bowels. - That this symptom is common to both, the experience of the whole profession will testify.
4. Position when lying on left side. This is generally considered as exclusively & absolutely diagnostic of liver disease. But William Child says "when lying on left side is an early symptom of Indigestion - more rarely on right - when a while to lie on either side is an indication".
5. Pallor complexion & Sallowness of the complexion. - This is generally considered as exclusively diagnostic of hepatic disease as the 4<sup>th</sup>. But near Dr & J. Anson II very frequently the pallor complexion & sallowness of the face supposed to indicate a hepatic complaint are caused by depressing business & emotions & of depression - Chapman teaches us that even the sunken look may be occasioned by the same causes. -
7. Like Child on Indigestion Page 23. } II like Johnson on Morbid Sensibility of stomach Page

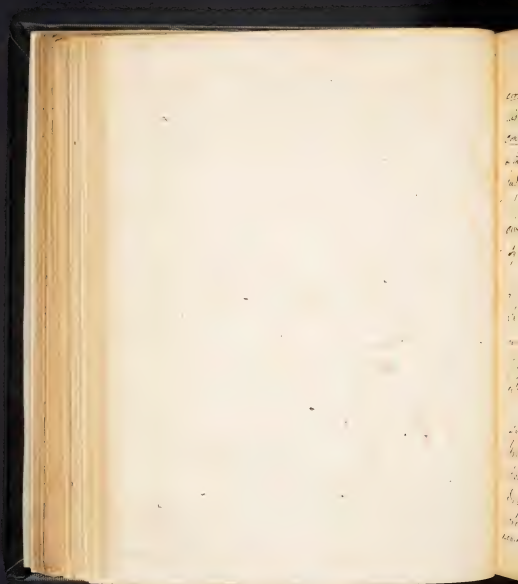


From all this I conclude that we should be very careful in our investigations & never form a Diagnosis from any one Symptom. All of the above combined with pain at the Epigastrium leads to full heavy pain in region of the liver. This colored stools & yellow faecal bodies, would warrant us in considering this as a Bilious Disease. We should then ascertain whether it be secondary, depending upon diseased state of stomach & chiefly & chiefly upon rectifying that or not, & whether it be primary, requiring an evacuating Anti-bilious course. To ascertain this, we should determine the arising of the case like any consideration, the season, season of the year, & the habits & predispositions of the patient - & enquire into the exciting causes & some increasing symptoms. We may generally succeed, know & which is primary & which secondary, by this - We never primarily dis-eased with in the commencement have made the most common. But still, when Metastasis or feebly developed the Disease is matter of great Difficulty.

"Felix - sui potuit medium Evacuare lantum"



do make the distinction between Rheumatism & Chronic  
 Gout. evident - it is only necessary to set down some  
 of the prominent symptoms of the latter - as given by  
 Boerhaave & Hauser. He precedes the account of the  
 symptoms by saying "it may be considered a sequel  
 of the acute imperfectly cured or an initial infection  
 induced in a distant situation of the same nature."  
 It is a disease of frequent occurrence & has been mistaken  
 for Rheumatism & under such impression imbrutely treated.  
 He then gives the following under other symptoms - "1<sup>st</sup>  
 "Goutic anorexia" - great aversion to food - particularly to  
 substantial articles - the disease always aggravated by eating.  
 "Thirst always prevails & a great desire for cold water -  
 the continuance of the great prostration - there is  
 hectic excitement - alternate chills & fevers - heat in  
 palms of hands & soles of feet. If proceeds the preceding  
 symptoms are aggravated - there is great tenderness of  
 the Epigastrium in pressure. Pain in stomach - tongue  
 barred in centre - color livid - sometimes resembling dyssen-  
tery muscle, as the its partially elongated - half full quick &

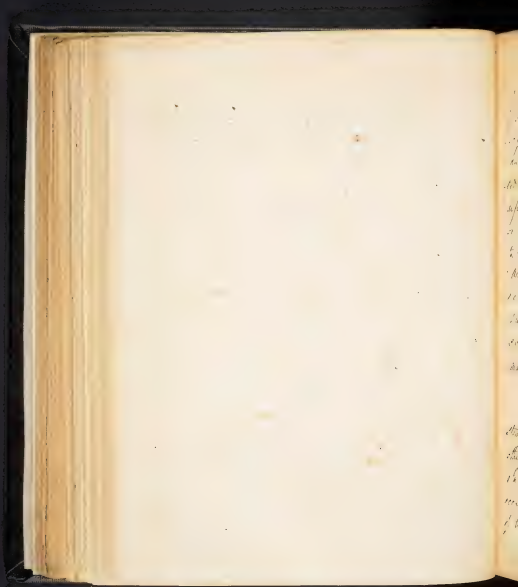


correct. In this way it proceeds till it ends in the most distressing condition - the mind becomes laden or lashed, & is so affected as to be unable to receive any new impressions & the mind affected with every kind of hallucination of judgment.

It is only necessary for me to say that as I have been giving an account of this disease so will I examine the above symptoms.

Dyspepsia may be confounded with dyspepsia of the stomach, & with the slow & little attention will prevent such mistake. In the latter affection, the dyspepsia is slow & eating does not come in till time enough has elapsed for the food to have passed out of the stomach. In Dyspepsia the dyspepsia comes on after having rising from table, & always soon after eating.

1. Dilatations of the heart are an uncommon symptom. Dyspepsia are sometimes considered and treated as an organic affection of the heart - but may be taken notice of from such affection by their connection with dyspepsia symptoms - this - hereditary occurrence - this - irregular pulsation & the irritation of the heart - without any other symptoms.





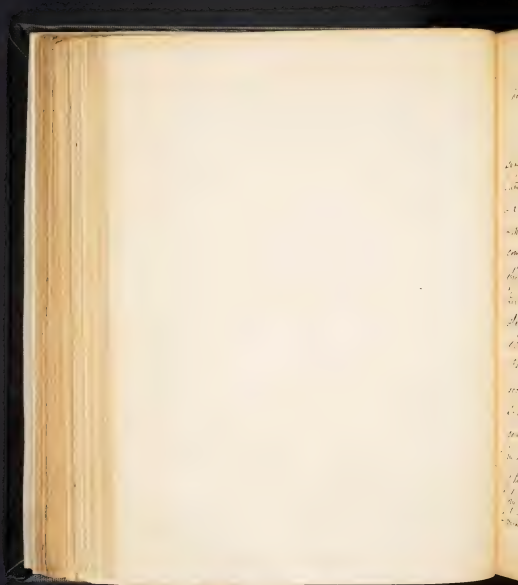
(D.) **PROGNOSIS.** Cases of long standing, especially, if the organs are involved, offer little prospect of radical cure. When the disease has arisen directly by habits of debauch or intoxication which rarely are revised in, & from sedentary employment - intense study - depression of spirits or such like causes not obviated - & to which no permanent derangement of structure has taken place - in the language of Stoll, Eschscholtz & Chapman, "We can only prescribe to patients what we can not believe". But in the commencement before any serious mischief has been induced the patient may always be cured by a rigid practice of "self denial" & a Faith manipulated by the use of means.

**Symptoms.** Such as are referable to the stomach itself or to the flux of sympathies between it and other parts.

In the state of sub irritation, the symptoms are such as are occasioned by the quantity or quality of food, as sense of distention after eating, flatulency, eructations, belching



night - city better and invigorated - the above & early of the day  
 can't take - sometimes attended with undissolved portions of  
 food - concomitant with these are unpleasant sensations  
 "circulation" & a mischievous humor is arising. Restless  
 sleep at night - with occasional dreams, & occasional restlessness.  
 In the state of irritation, if he sits in the sun the sun  
 always dependent when the nerves become excitable & we  
 know debility of stomach & deranged secretions hasten  
 secretion of excrement irregularly & pain, but the most  
 part tolerable - occasionally violent - more lammy  
 breath, throat covered with white, or - pale - sometimes  
 yellow impurities - sense of muscular weakness - indigestion  
 - constant - particularly after eating; anorexia & constant  
 pains - mental agitation, irritability & temporary dullness  
 of mind - frequent headaches, the bowels do not act as  
 readily as usual - the urine is turbid & deposits - sediment  
 here or there or great in quantity. Agitation - incommensurate  
 taste in the mouth in the morning - cold breath - the patient  
 becomes distressed about his state of health & is irritated  
 the memory is impaired & the intellect otherwise changed -



There is restlessness - small pulse sometimes chattering.

On the third day - after irrigation - all the preceding symptoms are aggravated. The abdomen is more examined: less - there is more tenderness - there is greater debility & weakness - animal spirits there is greater enervation of the sensorial faculties, the patient finds it difficult at times to command his attention - it is "spicanté", his usual mental efforts - to a sound clear head, a sound stomach is requisite - there is greater restlessness at night, more movement in sleep - considerable fatigue - next morning after slight evening - great tenderness after the operation & a hurgative. As the disease progresses there is considerable asthenia - occasionally alternated with rigors - the patient is sometimes delirious or is delirious - given place of but generally of firm consciousness & light sleep - there are rashes on the breast or side or head - characterized by firm tenderness of the skin - The Holocrine, salivary & the sweat glands, gastrodynia, cardialgia, indigestion or dyspepsia. - "Mia" - sometimes even tetanic affections - the con-



151  
abundance of bile & there is more tendency to constipation.

**CAUSES.** Are either direct or indirect.  
I shall enumerate from notes taken during Dr. Chapman's  
lecture upon the subject: to wit. "too great an indulgence  
in eating & drinking, to which the stomach is overdistended."  
- particular articles in large quantity - as strong green tea  
& coffee - acid drinks - too free a use of vegetables or of  
soup or indigestible animal food - luxurious diet - &c.  
- late modes of living too suddenly adopted. Dyspepsia  
is extremely common in young ladies of fashion on re-  
-sistance to changing their rich luxurious dishes for less  
- "savoury diet" in order to reduce & regulate a belated  
- starvation will produce the disease. Certain medicines,  
too often taken, as emetics - drastic purgatives - many of the salting  
- & laxatives, especially Nitre. - Many people who have  
- when are continually taking medicines would do well to  
- remember the story in "Epitaph" "I was well, wished to  
- be better, took medicine & died". Opium frequently  
- produces the disease. But the most common cause is





the habitual use of Spices. (See p. 10.) produced by this it frequently  
 becomes obstinate: but it sometimes yields to the circumstances  
 of the article - 1. intense study or abstraction to business -  
 - inordinate venery - 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

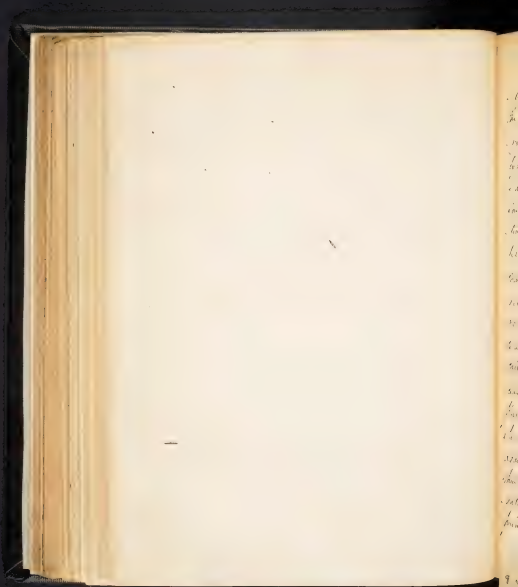
Upon the whole the causes most frequently inducing  
 the disease are overdistention of the stomach either by  
 food or drink - an artificial stimulation of it by spiritous  
 liquors or highly seasoned food - the habitual use of Spices -  
 late hours - sedentary employment - mental application  
 combined with impure air, want of exercise & inattention  
 to cleanliness.

The disease may exist - 1. independently - from diseases of  
 the viscera, or 2. by metastasis - in consequence of Referred  
 eruptions, or Retroceded - Spots.

### Treatment. Is dietetic & medicinal -

The indications are 1. To remove offending causes. 2. To  
 relieve accidental symptoms. 3. To restore the stomach  
 to its proper tone & functions.

The difference of treatment will be required accord-



-ding as the disease is idiopathic, or symptomatic. When  
 the latter, as main attack, must be made against the prime  
 or affection, & slight skirmishing merely against sampling  
 to the other symptoms. Since the coming from his principles  
 'all his Subsidiaries must lie, & die'. It has been  
 said that "Symptomatic local diseases seem to be the occa-  
 sional effects of a disease - producing a diversion from the  
 hidden disease".<sup>9</sup> If so - We ought to pay Nature the  
 compliment of not thwarting her good intentions but di-  
 rect our kindly attentions to her as she wishes to  
 relieve. What it may happen that the secondary affec-  
 tion is more acute than the primary, & is said in the  
 calls for relief that it must be first attended to, as it  
 has more existed so long as to associate & look at the  
 primary disease or as to have become independent of it.  
 In such case, we must make our first & best efforts  
 against that quarter whence we are most molested &  
 then turn our weapons against that which was the origi-  
 nator. Most frequently, however, Dyspepsia is a  
 primary disease & when such the treatment must be



adapted to the state of the Primæ Viæ.

In the state of sub-irritation all that is necessary is to avoid errors in diet particularly as to quantity, & to obviate remote causes. Medicines are not required unless the stomach be sore. "People occasionally complain of a sense of distention after eating - of flatulency & acid eructations after eating, who notwithstanding enjoy good general health, & find that these symptoms being prevented by taking less food & that of a more digestible quality." //

The second state - irritation - is the stage in which the advice of a physician is for the first time requested - the irritation of the nerves of the stomach having existed for some time, an impairment of function having taken place - The gastric juice is either in quality or deficient or excessive in quantity - its fermentation & while the food is not readily reduced to its normal pulp, & acids & ferments & rudiments are excreted & accumulate, which remaining in the stomach & impeding its functions, increase irritation and



produce debility: Under such circumstances, no one can  
 doubt the propriety of an emetic to cleanse the stomach of  
 offensive contents & rectify its secretions. It answers  
 the indication, Ipecacoe is preferable, because in the  
 twofold principle of evacuating the stomach & inducing  
 some Marking, a strong impression on the disease.  
 This may be repeated if indicated by the tongue & other cir-  
 cumstances: Dr. Ross & Coxe advises that Ipecacoe, in  
 these cases, should be first given as an emetic & then in  
 small doses as a tonic. Gentle purges will next be  
 necessary - the condition of the bowels being somewhat similar  
 to that of the stomach. The proper evacuations will be rest-  
 or calomel, Magnesia - dilute Nitric - or Chamberlain's com-  
 pound will induce sleep it is the form of the "Sedative"  
 "Persuader" - Purgative should not be carried to any great  
 extent - in chronic & delicate diseases should be cautiously  
 avoided. A combination of several of the evacuating med-  
 icines is often better than any of them singly. Where there  
 is marked debility in any great degree in the stomach  
 & bowels it is of great consequence to join the sedatives or





can easily combine with the various

After having tried the stomach & bowels, if the same  
 results be made the well to establish some counterindica-  
 tion. The issue or a blister would no doubt be serviceable.  
 Professor Chapman states that he has known good effects  
 result from an Opium plaster over the Epigastrium.  
 The warm Bath as a doctor's irritability may be useful.  
 It will sometimes be necessary to keep up a sedating effect  
 upon the Nervous, the Muscles, which are calculated to allow  
 two-irritation. When these consist of the following  
 Dr. Williams recommends the following formula -

℞. Muscim. ʒss	if not by	} To be taken 3 or 4 times a day. Empurion ʒss
℞. Nux. Cerulea ʒss	—	
℞. Ratanh. ʒss	—	

In other cases the following prescription of Dr. Williams  
 Chapman's will establish the same serviceably -

℞. Gum. Trag. ʒss	} or ℞. Olib. ʒss Cathi. Lini. ʒss
℞. Sacch. Saturni ʒss	
℞. Sulfur. Capivi ʒss	

The extract of Silver is recommended with some good

17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100  
101  
102  
103  
104  
105  
106  
107  
108  
109  
110  
111  
112  
113  
114  
115  
116  
117  
118  
119  
120  
121  
122  
123  
124  
125  
126  
127  
128  
129  
130  
131  
132  
133  
134  
135  
136  
137  
138  
139  
140  
141  
142  
143  
144  
145  
146  
147  
148  
149  
150  
151  
152  
153  
154  
155  
156  
157  
158  
159  
160  
161  
162  
163  
164  
165  
166  
167  
168  
169  
170  
171  
172  
173  
174  
175  
176  
177  
178  
179  
180  
181  
182  
183  
184  
185  
186  
187  
188  
189  
190  
191  
192  
193  
194  
195  
196  
197  
198  
199  
200  
201  
202  
203  
204  
205  
206  
207  
208  
209  
210  
211  
212  
213  
214  
215  
216  
217  
218  
219  
220  
221  
222  
223  
224  
225  
226  
227  
228  
229  
230  
231  
232  
233  
234  
235  
236  
237  
238  
239  
240  
241  
242  
243  
244  
245  
246  
247  
248  
249  
250  
251  
252  
253  
254  
255  
256  
257  
258  
259  
260  
261  
262  
263  
264  
265  
266  
267  
268  
269  
270  
271  
272  
273  
274  
275  
276  
277  
278  
279  
280  
281  
282  
283  
284  
285  
286  
287  
288  
289  
290  
291  
292  
293  
294  
295  
296  
297  
298  
299  
300  
301  
302  
303  
304  
305  
306  
307  
308  
309  
310  
311  
312  
313  
314  
315  
316  
317  
318  
319  
320  
321  
322  
323  
324  
325  
326  
327  
328  
329  
330  
331  
332  
333  
334  
335  
336  
337  
338  
339  
340  
341  
342  
343  
344  
345  
346  
347  
348  
349  
350  
351  
352  
353  
354  
355  
356  
357  
358  
359  
360  
361  
362  
363  
364  
365  
366  
367  
368  
369  
370  
371  
372  
373  
374  
375  
376  
377  
378  
379  
380  
381  
382  
383  
384  
385  
386  
387  
388  
389  
390  
391  
392  
393  
394  
395  
396  
397  
398  
399  
400  
401  
402  
403  
404  
405  
406  
407  
408  
409  
410  
411  
412  
413  
414  
415  
416  
417  
418  
419  
420  
421  
422  
423  
424  
425  
426  
427  
428  
429  
430  
431  
432  
433  
434  
435  
436  
437  
438  
439  
440  
441  
442  
443  
444  
445  
446  
447  
448  
449  
450  
451  
452  
453  
454  
455  
456  
457  
458  
459  
460  
461  
462  
463  
464  
465  
466  
467  
468  
469  
470  
471  
472  
473  
474  
475  
476  
477  
478  
479  
480  
481  
482  
483  
484  
485  
486  
487  
488  
489  
490  
491  
492  
493  
494  
495  
496  
497  
498  
499  
500  
501  
502  
503  
504  
505  
506  
507  
508  
509  
510  
511  
512  
513  
514  
515  
516  
517  
518  
519  
520  
521  
522  
523  
524  
525  
526  
527  
528  
529  
530  
531  
532  
533  
534  
535  
536  
537  
538  
539  
540  
541  
542  
543  
544  
545  
546  
547  
548  
549  
550  
551  
552  
553  
554  
555  
556  
557  
558  
559  
560  
561  
562  
563  
564  
565  
566  
567  
568  
569  
570  
571  
572  
573  
574  
575  
576  
577  
578  
579  
580  
581  
582  
583  
584  
585  
586  
587  
588  
589  
590  
591  
592  
593  
594  
595  
596  
597  
598  
599  
600  
601  
602  
603  
604  
605  
606  
607  
608  
609  
610  
611  
612  
613  
614  
615  
616  
617  
618  
619  
620  
621  
622  
623  
624  
625  
626  
627  
628  
629  
630  
631  
632  
633  
634  
635  
636  
637  
638  
639  
640  
641  
642  
643  
644  
645  
646  
647  
648  
649  
650  
651  
652  
653  
654  
655  
656  
657  
658  
659  
660  
661  
662  
663  
664  
665  
666  
667  
668  
669  
670  
671  
672  
673  
674  
675  
676  
677  
678  
679  
680  
681  
682  
683  
684  
685  
686  
687  
688  
689  
690  
691  
692  
693  
694  
695  
696  
697  
698  
699  
700  
701  
702  
703  
704  
705  
706  
707  
708  
709  
710  
711  
712  
713  
714  
715  
716  
717  
718  
719  
720  
721  
722  
723  
724  
725  
726  
727  
728  
729  
730  
731  
732  
733  
734  
735  
736  
737  
738  
739  
740  
741  
742  
743  
744  
745  
746  
747  
748  
749  
750  
751  
752  
753  
754  
755  
756  
757  
758  
759  
760  
761  
762  
763  
764  
765  
766  
767  
768  
769  
770  
771  
772  
773  
774  
775  
776  
777  
778  
779  
780  
781  
782  
783  
784  
785  
786  
787  
788  
789  
790  
791  
792  
793  
794  
795  
796  
797  
798  
799  
800  
801  
802  
803  
804  
805  
806  
807  
808  
809  
810  
811  
812  
813  
814  
815  
816  
817  
818  
819  
820  
821  
822  
823  
824  
825  
826  
827  
828  
829  
830  
831  
832  
833  
834  
835  
836  
837  
838  
839  
840  
841  
842  
843  
844  
845  
846  
847  
848  
849  
850  
851  
852  
853  
854  
855  
856  
857  
858  
859  
860  
861  
862  
863  
864  
865  
866  
867  
868  
869  
870  
871  
872  
873  
874  
875  
876  
877  
878  
879  
880  
881  
882  
883  
884  
885  
886  
887  
888  
889  
890  
891  
892  
893  
894  
895  
896  
897  
898  
899  
900  
901  
902  
903  
904  
905  
906  
907  
908  
909  
910  
911  
912  
913  
914  
915  
916  
917  
918  
919  
920  
921  
922  
923  
924  
925  
926  
927  
928  
929  
930  
931  
932  
933  
934  
935  
936  
937  
938  
939  
940  
941  
942  
943  
944  
945  
946  
947  
948  
949  
950  
951  
952  
953  
954  
955  
956  
957  
958  
959  
960  
961  
962  
963  
964  
965  
966  
967  
968  
969  
970  
971  
972  
973  
974  
975  
976  
977  
978  
979  
980  
981  
982  
983  
984  
985  
986  
987  
988  
989  
990  
991  
992  
993  
994  
995  
996  
997  
998  
999  
1000

reasons, by Dr. Hume, in Dose "1/2 gr." 4 times a day at first - gradually increasing to 1/2 gr. 5 or 6 times a day - to be given in crumb of Bread. It is worthy of trial. It may be combined with opium or with the latter. But pain seems to be all these medicinal means without the aid of Diet. Regimen is in fact our chief resource - as will hereafter be more particularly insisted on. At this place, I allow it to say the food should be of the most stimulating & most digestible & in small quantity. Most nutritious kind: the greatest attention should be paid to this from the commencement, throughout the continuance of the disease, & afterwards in prophylaxis.

The irritable state of stomach being subdued by  
the above course, or continuing, as I reason, in  
debility, boric & bitter may be resorted to. In con-  
duct in using them, it is strength but not irritate.  
If irritability be great they increase it & weaken  
instead of improving tone. If given before a reduction  
of morbid sensibility they produce great disturbance



in the system & may change irritations into inflammation.<sup>2</sup>  
 To be serviceable they must not be given in large  
 doses or long continued. Columbo, Quinine, Gentian  
 Bark, Sulp. Quinine & Must of Bone are commonly  
 resorted to. The first & the last are very good. The Sulp.  
 Quinine is strenuously recommended by Jackson  
 as having all the properties of other bitters - devoid of their  
 rank & other nauseating qualities. A small dose, as  
 10 or 15 grains a day, dissolved in a teaspoonful of any  
 liquid. Therefore it has an excellent effect in it. It diminishes  
 nothing its power - cleaning the bowels, improving  
 the appetite - disengorging the liver & imparting health  
 & tranquillity to mind & body.<sup>3</sup> It should not be given  
 in full, as in such large it is apt to be offensively  
 & disappoint the practitioner.<sup>4</sup> But the best of all tonics  
 is a well regulated Diet with gentle exercise in the  
 open air.<sup>5</sup> — The above plan of Treatment with  
 an attention to occasional urgent symptoms will  
 be all that is necessary for the static irritation.



The state of Super-irritation may be induced & kept up by morbid secretions acting on irritated Nerves or may be an aggravation of Nervous irritation caused by excessive stimulating causes. The morbid state is necessary to free the stimulus from irritating contacts. But as this state approaches to, & is disposed to run into languid irritation, we must have a care in administering emetics. & but more guarded still should we be with regard to Purgatives & Bitters. These are altogether inadmissible. We must trust to the most soothing & emollient Measures - topical bleeding & counterirritants, rest, acidulated & saccharated drinks - abstraction of every thing calculated to produce excitement - & maintain by enemata. When by these means we have reduced the irritation, the Remedies adapted to the first stage, will become appropriate. It will be well to mention here that in this condition of stomach a table-spoonful of lemon juice, according to Dr. Thomson's direction will - the proper laxative of tartar in the morning.





The remainder of the treasure, as well as the  
treasure in stone, will be contained under the  
document attached to a parchment containing a diploma  
which attests them. 100

Carbonyl - depending on number of atoms attached to the carbon in the atomized state. The acid is superatonic in some cases & in some cases it was an ordinary case, it may be corrected by the alkalies & what is better as a Halogen. Dec. as proof. Houson, Cook & Sabatier, give with a number of acids & compounds.

& good medicine for the infection of sinners. Each dose  
 - a space for the soul to find wisdom to a more full  
 rest in water - taken in half hour after eating.  
 six or eight, as recommended by the wise & the rich. Chapman  
 & I continually wrote for a good & salutary use to be above  
 acting on the same principle. When alterations made  
 & have the authority of Platon & Chapman for changing  
 the acids mineral - & soluble, strange to it was seen,  
 sometimes showed which are the beautifications of chemistry.

Handwritten text on the right edge of the page, likely from the adjacent page. The text is written in a cursive script and is partially cut off by the edge of the image.

Blanchard's Liniment. These "great pain" & "Lancinating" &  
 "burning" will be relieved. The "constipation" is co-  
 -existent with Cardialgia, Nausea & the "indigestion".  
 "Spasmodic" remedy.

Lauda - Nephritis. Being the "concomitant" affec-  
 -tion, matters in the "stomach", "emetic" should be encouraged  
 by draughts of warm water or of warm infusion of  
 "Santonin" & "Cinnamon" or the "emetic". Being  
 "concomitant" with "Nephritis", "emetic" & "draughts"  
 "of warm water", "infusion" & "Cinnamon" with  
 a "sugar" & "white" solution of "Santonin" & "Cinnamon"  
 "emetic", or "draughts" of the "emetic" with "Santonin"  
 in the same way.

Spasmodic considered as a "Spasmodic"  
 affection of the muscular coat of the "stomach" must  
 "be" "treated" by "Nephritis" & "Cinnamon" & "Santonin".  
 "Spasmodic" & "Nephritis" & "Cinnamon" & "Santonin".  
 The "Professor" (Dr. J. H. Jackson) of the "University"  
 suggested that "Spasmodic" and "Nephritis" must here be "applied".



1.  
Dr. Lister (Chapman) states two cases that occurred in  
his sanatorium in which the most violent attacks  
were immediately relieved after drinking 1 quart  
of milk. If the opinion does not lie to the contrary  
U.S. Warm Bath, Inhalations & blisters to epigastrium  
may be resorted to. Dr. Lister recommends for  
Chapman recommended Cold Plaster to the epigastrium  
with Spiritus & Chlorine & Chlorine.

Flatulency. When associated with Cardialgia, may  
be relieved by the same means. When not relieved,  
by the same means, it may be relieved by the same  
means. In such cases, the same means may be resorted to.  
In such cases, the same means may be resorted to.  
In such cases, the same means may be resorted to.  
In such cases, the same means may be resorted to.

Intoxication at the Epigastrium. To relieve this,  
a salt and dry, Eucalypti Pills, containing from 1/2 to 1 gr.  
Eucalypti, is recommended by Professor Chapman.

Dyspepsia. Treat this with Emetics & Alacids.

10  
11  
12

13

14  
15

16  
17

18  
19

20  
21

22  
23

24  
25

26  
27

28  
29

30  
31

32  
33

34  
35

36  
37

38  
39

Stomach in dose of ʒss to ʒss is stated to be  
eminently beneficial.

Excitations of the heart may be palliated by  
acids & various remedies & cured by the recovery  
of the 'dyspeptic' state of the stomach.

Cephalalgia, the remedies, in general, are Emetics,  
Purgatives & Astringents, according to the state of  
the stomach. Dr. Ferri (Chapman) states that he has  
obtained, in but one person, decided & immediate  
relief from a wine glass full of Lemon juice sweetened  
with loaf sugar. It may be determined in a blood  
to the head & a can may be necessary - to be suc-  
ceeded sometimes by Bleeding to make it necky. -

& Neuralgia, Disorders & Affections of the Eyes  
will be best treated by rectifying the condition of the  
stomach in which they depend.

Constipation is the most common attendant  
on the disease & tends probably more than any other  
to aggravate it. In its removal there is no resort is  
had to medicines more but astringents & the mildest purges.





should be given. Opuscles should be at once prescribed.  
 "That medicine should ever slowly & to that irritation  
 alone, the alimentary canal - receiving the nutriment  
 to be taken up by the absorbents & slowly stimulating  
 the large intestines to discharge this action residing  
 in the one to which the should never recede."  
 "And I conceive to be the 'Crystalline Persuader' -  
 one Calomel & Magnesia - a tea Spoonful & each  
 night & morning - 'Oleum Barb. Made into Pills  
 with Castile Soap, taken morning & night do as to  
 brooder on gentle convection - or fully made with  
 Castile Soap & equal parts of Alcohol & Oil -  
 Pils. (Parsol). 1 light Spoonful 3 times a day -  
 occasionally, & in the mouth & secretions are taken,  
 Calomel when the virus is affected. The 'Sinner Pills'  
 when there is disorder of the Intestines. When the virus are  
 hard & in cisterns - 'Parsol' & 'Magnesia' is the remedy  
 to be succeeded by 'Oleum Barb.' & 'Sinner Pills'. A very agreeable  
 & effectual laxative & one which, in many cases, will  
 supersede the necessity of all other, or, for that matter,

on  
the  
18  
17  
16  
15  
14  
13  
12  
11  
10  
9  
8  
7  
6  
5  
4  
3  
2  
1  
0

in Stomach &c. - a decoction of it seems to be sweetened  
with a bit of sugar & then filtered off with paper - the whole  
is then simmered till the tea becomes a Syrup - & consisting  
of the Syrup - a Dose. In treating this symptom we  
should carefully avoid those articles which produce  
heating stools or are otherwise drastic in their  
operation. Our great aim should be, to saturate  
the medicines at 10 o'clock by diet - & a regular diet  
at 11 o'clock in the evening.

The other affections concomitant with or consequent  
to the above, must, from my restricted limits - be  
passed by, with the bare remark, that they, as well  
as the above, are never all seen together - that they,  
for the most part, appear either singly or in an asso-  
ciation of two or more at a time - & that they be-  
have themselves in different ways, & drop at different  
times. In whatever mode or shape, however they  
may appear the golden rule should be observed -  
treat them mildly, but with firmness - with such  
articles as least irritate & disturb the kidneys.







17

attention to the habits, taste, national characteristics, &  
constitutional idiosyncrasies of different individuals.  
With the exception of cases varied by these circumstances  
the following will be found salutary articles. -

In the 1<sup>st</sup> Stage - v. s. attention to Diet is required -  
more care being necessary to avoid excess in quantity  
than quality. In the 2<sup>d</sup> & 3<sup>d</sup> articles, Diet is treated  
under a few special cases - which are not found  
to this year - was he indulged in both m. & d. diet.

[illegible]

It is an intermediary stage; which is an intermediate character with the first as well. Bush & mill, vice vice & mill. The various articles as nearly





rotatoes, stale bread, crackers (Dr Chapman objects  
to crackers as oppressing the stomach & others object  
to them as constituting to worms - But with due de-  
cisions I must declare my belief, that if properly  
masticated & insalivated they act well on the stomach  
are easy of digestion & have no costive effect - more  
than any other farinaceous article.) Eggs & oysters, highly  
cooked, & well broiled, every variety of game - Venison  
or roast beef & mutton. Of all these milk is prefer-  
able as a condiment - Article of diet.

The following Articles should be avoided in  
all stages of the complaint - Pickled & preserved  
meats - oily food - salted & salted fried & hard meats -  
Pork, roast pig, Veni, Lamb chops, Suck - meats  
not rich & pure - fish - eels - & fish & eels  
dishes - New bread, pastry, & desserts - all condiments  
except salt - pepper, in Moderation - raw vegetables,  
raw potatoes, cabbage, radishes, onions, leeks, turn-  
eps, & turneps - Potatoes, cucumbers - Melons - Water-  
melons, except in extremely indigestion, should be avoided.



Mucilagines are forbidden except in the advanced stage.

**Drinks.** All absolutely fermented liquors - stimulating drinks of every kind - all acids & accecents, unless called for by some particular symp-  
-tom - usually cold with a low temperature & debilitated limbs, freely indulged in are deleterious.

I would not venture to remark that it would be better for the Dyspeptic never to drink unless moved to it by a craving of thirst: which would seldom be the case. When Nature makes a call for drink, pure water will satisfy her better than any artificial exhilaration. Black tea & Coffee of moderate strength & moderately indulged in are as objectionable as they are generally supposed to be. They excite peculiar powers - more and give them strictly stimulating - they calm irritation & soothe in a manner of the system like the narcotics. But do not like them leave sedation or other unpleasant effects. When they prevent sleep they are so far in-



S. V.

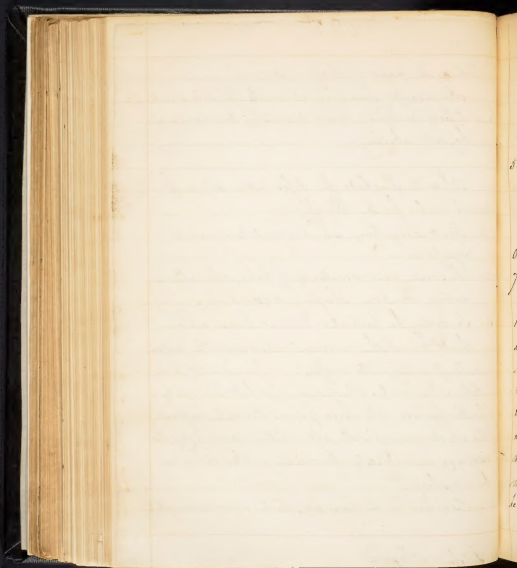
-jurious as the want of sleep is so.

As regards drinking at meals the rule should be - if there be thirst, drink to satisfy that want - if there be not, abstain.

I will conclude this dissertation with a few general rules for the Dyspeptic.

1. Avoid everything which is found to aggravate symptoms.
2. Preserve great regularity of habit; especially in eating, drinking, sleeping & exercising.
3. In eating, be particular to stated hours - which should be at short intervals, observing of the golden rule of eating little & often. Confine generally to one dish at one meal. Masticate your food thoroughly. For this purpose, take large pieces. Eat with composure. Do not eat immediately after violent exercise. Do exercise immediately after eating; "after eating, rest - but not sleep."
4. Exercise in the open air, daily & perseveringly.

S. Dolese Chapman.



taking care not to carry it to fatigue - alternating between active & passive exercise. Walking, in the general, is the best exercise. In the stage of super-irritation, exercise is not advisable.

5. Inevitably perspiration should be promoted by wearing flannel next the skin & by being otherwise comfortably clad. Frictions with flesh brush or with salt is advisable.

6. Take cold or warm bath 2 or 3 times a week.

7. If the case prove inveterate, a change of climate, or a sea voyage affords the best prospect of prolonging life. But in the words of Professor Chapman "What can we accomplish without the remote causes are removed? the patient must abandon the habits propensities & practices which cause the disease & tend to its continuance. If intemperate - he is to become sober. If luxurious & voluptuous - he must institute a thorough reform in his manner of living. If indolent - he must be awakened to industry & enterprising. If dissipated - he must abandon the midnight lamp". And if afflicted with calamities - he must be upheld by the promises of hope & the golden prospects of posterity."

M. S. C. Garrison

